

5     METHOD AND SYSTEM FOR SIMPLIFYING THE USE OF DATA MINING  
      IN DOMAIN-SPECIFIC ANALYTIC APPLICATIONS BY PACKAGING  
      PREDEFINED DATA MINING MODELS

10     ABSTRACT OF THE DISCLOSURE

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Development of domain-specific analytic applications having predefined data mining models, including identifying a business problem to be solved; selecting a data mining algorithm appropriate for solving the business problem; defining data schema for use as inputs and outputs to and from the mining algorithm, the data schema including input data schema and output data schema; and defining a mining model based on the data schema to solve the business problem; whereby a domain-specific analytic application is developed, the analytic application having at least one predefined data mining model, the analytic application having the capabilities of: populating the input data schema with sample historical data; production training the mining model using the sample historical data in the input data schema, whereby a production trained mining model is created; and production scoring production data using the production trained mining model, production scoring further comprising applying the production trained mining model to production data.